

DECLARATION AND POWER OF ATTORNEY
(Joint Inventors - Foreign)

We, **Edward, Peter, GANCARCIK** and **Peter, Mathieson, CRAIG** hereby declare that we are, respectively,

a citizen of Britain, residing at 65 Elliot Avenue, Ottawa, Ontario, K1S 0M3, Canada ;

a citizen of Canada, residing at 7 Naismith Crescent, Kanata, Ontario, K2L 2K7, Canada ;

that we have reviewed and understand the content of the specification, including the claims, (Jones, Day, Reavis & Pogue Docket No. 481340010034)

attached hereto;

and we believe that we are the original, first, and joint inventors of the subject matter which is claimed therein and for which a patent is sought on the invention or discovery entitled

COMBINATION VISIBLE AND INFRARED PIPE

and that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application, in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	<u>Priority Date</u>	<u>Priority Claimed</u>
<u>0011877.8</u> (Number)	<u>United Kingdom</u> (Country) (PCT)	<u>18/May/2000</u> (Day/Month/Year)

We hereby designate the following as our mailing address and telephone number:

David B. Cochran
Jones, Day, Reavis & Pogue
North Point
901 Lakeside Avenue
Cleveland, Ohio 44114
(216) 586-3939

and appoint each of the following as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth R. Adamo, Registration No. 27,299; Barbara Arndt, Registration No. 37,768; David B. Cochran, Registration No. 39,147; Cheryl L. Farine, Registration No. 36,796; Regan J. Fay, F. Drexel Feeling, Registration No. 40,602; Registration No. 26,878; Calvin P. Griffith, Registration No. 34,831; Paul F. Keller, Registration No. 42,713; Timothy J. O'Hearn, Stephen D. Scanlon, Registration No. 32,755; Registration No. 31,552; Duane H. Switzer, Registration No. 22,431; Michael W. Vary, Registration No. 30,811; Jason Vierra-Eisenberg, Registration No. 43,447; and James L. Wamsley, III, Registration No. 31,578;

all having the above designated address.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

July 25, 2000
Date Edward Peter GANCARCIK

Name: Edward Peter GANCARCIK

Post Office Address:
65 Elliot Avenue
Ottawa, Ontario
K1S 0M3, Canada

Date July 25, 2000

Name: Peter Mathieson CRAIG

Post Office Address:
7 Naismith Crescent
Kanata, Ontario
K2L 2K7, Canada

PATENT
Attorney Docket No. 481340010058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

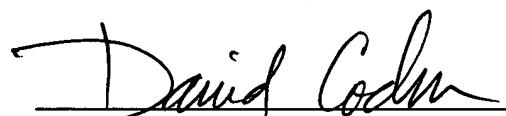
In re Application of: Gancarcik

Serial No.: Not Issued
[This application is a continuation of 09/861207 filed May 18, 2001]
Filed: Herewith
Title: Combination Visible and Infrared Pipe

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

37 CFR 3.73(b) Statement

Attached is a copy of the Assignment of the previous application showing the chain of title from the inventor(s) to the assignee.



David B. Cochran, Reg. No. 39,142
Attorney/Agent for Assignee



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 08, 2001

PTAS

JONES, DAY, REAVIS & POGUE
DAVID B. COCHRAN, ESQ.
NORTH POINT
901 LAKESIDE AVENUE
CLEVELAND, OH 44114



101732279A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/18/2001

REEL/FRAME: 011829/0249
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GANCARCIK, EDWARD PETER

DOC DATE: 04/24/2001

ASSIGNOR:
CRAIG, PETER MATHIESON

DOC DATE: 04/24/2001

ASSIGNEE:
MITEL KNOWLEDGE CORPORATION
350 LEGGET DRIVE
KANATA, ONTARIO, CANADA K2K 2W7

SERIAL NUMBER: 09861207
PATENT NUMBER:

FILING DATE: 05/18/2001
ISSUE DATE:

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

M2D REC'D
5-18-01

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05-29-2001



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NET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

481340-010-034

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Edward Peter Gancarcik;
Peter Mathieson Craig

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other _____

Execution Date: April 24, 2001

2. Name and address of receiving party(ies)

Name: Mitel Knowledge Corporation

Internal Address: _____

Street Address: 350 Legget Drive

Kanata, Ontario, CANADA K2K 2W7

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: July 25, 2000

A. Patent Application No.(s)

09/861207

B. Patent No.(s)

101732279 00000036 09861207

40.00 CH

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Cochran, Esq.
Jones, Day, Reavis & Pogue
Internal Address: _____

Street Address: North Point
901 Lakeside Avenue

City: Cleveland State: OH ZIP: 44114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

501432

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Deborah A. Satoran
Name of Person Signing

Deborah A. Satoran
Signature

5-18-2001
Date

Total number of pages including cover sheet, attachments, and document: 3

WORLDWIDE ASSIGNMENT

WHEREAS, WE, Edward Peter GANCARCIK and Peter Mathieson CRAIG, residing at, respectively, 65 Elliot Avenue, Ottawa, Ontario, K1S 0M3, Canada and 7 Naismith Crescent, Kanata, Ontario, K2L 2K7, Canada has/have invented certain new and useful improvements in an invention entitled **COMBINATION VISIBLE AND INFRARED PIPE** for which an application for United States Letters Patent will be filed; and

WHEREAS, **MITEL KNOWLEDGE CORPORATION**, a company organized and existing under the laws Canada, having a place of business at 350 Legget Drive, Kanata, Ontario, K2K 2W7, Canada, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, WE do hereby sell, assign, transfer, and set over unto the said **MITEL KNOWLEDGE CORPORATION**, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said **MITEL KNOWLEDGE CORPORATION** for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND WE hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the said **MITEL KNOWLEDGE CORPORATION**, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all

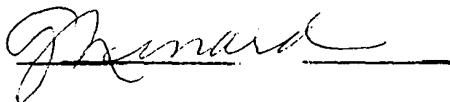
reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and WE further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of said **MITEL KNOWLEDGE CORPORATION**, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND WE hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said **MITEL KNOWLEDGE CORPORATION**, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

WITNESS my hand at 27th MARCH
this 24 day of APRIL, 2001.

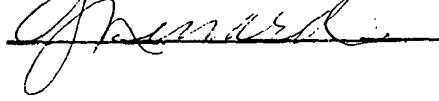

Edward Peter GANCARCIK

Witness:



Craig Peter MATHIESON

Witness:



RECORDATION FORM COVER SHEET

481340-010-034

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Peter Mathieson CraigAdditional name(s) of conveying party(ies) attached? Yes No

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B. Patent No.(s)

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Jones, Day, Reavis & Pogue
Internal Address: _____6. Total number of applications and patents involved: 1Street Address: North Point7. Total fee (37 CFR 3.41).....\$ 40.00901 Lakeside Avenue EnclosedCity: Cleveland State: OH ZIP: 44114 Authorized to be charged to deposit account

8. Deposit account number:

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Deborah A. Satoran

Name of Person Signing

Deborah A. Satoran

Signature

5/18/2001

Date

3

Total number of pages including cover sheet, attachments, and document:

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Washington, D.C. 20231